OIT 0316-88

1 APR 1988

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MEMORANDUM FOR: [   ]
              Chairman, COMIREX

FROM   : Edward J. Maloney
                 Director of Information Technology

SUBJECT   : CAMS P/S Teradata Performance

REFERENCE   : Memo from Chairman, COMIREX, dtd 8 Mar 88
STAT   Same Subject, [   ]

1. I understand your concern, which echoed mine, with the news that there
may be potential performance problems with the Teradata DBMS system. However,
the P/S Program Office believes the actions taken since the discovery of the
problem in February have adequately resolved the performance issues. As a
result of extensive operational testing, there is a high degree of confidence
that the Teradata's performance will be wholly acceptable.

2. The actions taken include fine tuning of the Release 12.0 baseline,
increasing the Teradata processor memory, and an emergency redesign of the
input data stream to accommodate multiple processing paths. The latter takes
better advantage of the Teradata's parallel processing capabilities and
testing shows it to be the most effective performance fix, albeit of
substantial dollar cost. All of the corrective actions have improved the
timeline from 25+ hours down to 6-8 hours, better than the timelines of the
IDM 500 system with a comparable workload. The Program Manager assessed the
situation on 25 March and, with the agreement of the COMIREX/SID Staff,
decided to proceed on schedule with the Release 12.0 transition to the
Teradata from the IDM 500s on 8-11 April.

3. The Program Office has been in close contact with SID, providing them
with status briefings and progress reports as well as contingency plans. If
it would be helpful to provide you directly with a status briefing, please let
me know.

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[   ]

Edward J. Maloney

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